

Converting Colors

YUV(171.6490, 5.5960,
-21.6172)

Have a look what the booklet for
YUV(171.6490, 5.5960, -21.6172)
contains.

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Color

**YUV(171.6490, 5.5960,
-21.6172)**

Conversions

Conversions Part 1

Format	Color
Hex	93B6B7
RGB	147, 182, 183
RGB Percent	58%, 71%, 72%
CMY	0.4235, 0.2863, 0.2824
CMYK	0.20, 0.01, 0.00, 0.28
HSL	182°, 20%, 65%
HSV	182°, 20%, 72%
XYZ	37.3078, 43.0778, 51.1483
YIQ	171.6490, -21.1810, -7.1090

Conversions

Conversions Part 2

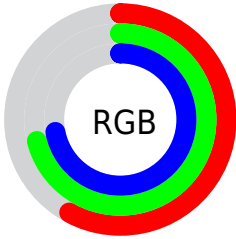
Format	Color
R_{YB}	147, 165, 183
Decimal	9680567
CIE _{Lab}	71.61, -11.53, -4.42
CIE _{LCh}	72, 12.347, 200.998
Yxy	43.0778, 0.2836, 0.3275
Android (android.graphics.Color)	4287870647 (0xFF93B6B7)
YUV	171.6490, 5.5960, -21.6172
Hunter-Lab	65.6337, -13.3952, -0.2610

Details

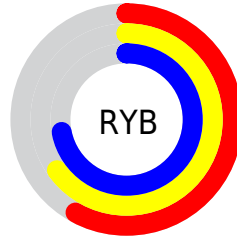
The YUV color **171.6490, 5.5960, -21.6172** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **158.3510, -5.5960, 21.6172**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.3500, 5.7435, -22.2319**, and **119.2470, 5.3012, -20.3876** is the 20% darker color. If you saturate the color by 10%, you get **165.6800, 8.5388, -32.1684**, and if you desaturate by 10%, it is **177.6180, 2.6533, -11.0660**.

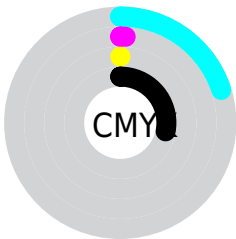
Distribution



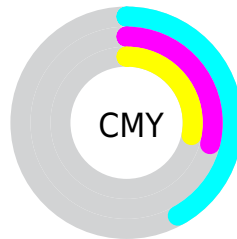
- Red (58%)
- Green (71%)
- Blue (72%)



- Red (58%)
- Yellow (65%)
- Blue (72%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)



- Cyan (42%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6490, 5.5960, -21.6172 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 171.6490, 5.5960, -21.6172 by changing the saturation by 10% instead.

■ 171.6490, 5.5960,
-21.6172

■ 171.6490, 5.5960,
-21.6172

255.0000, 0.0000,
0.0000

■ 144.9480, 5.4486,
-21.0024

■ 227.3500, 5.7435,
-22.2319

■ 119.2470, 5.3012,
-20.3876

■ 247.5250, 3.6852,
-15.3694

■ 94.2470, 5.3012,
-20.3876

■ 70.2470, 5.3012,
-20.3876

■ 47.2470, 5.3012,
-20.3876

■ 24.9480, 5.4486,
-21.0024

■ 8.7540, 3.0793,

-7.6773

■ 0.0000, 0.0000,
0.0000

■ 171.6490, 5.5960,
-21.6172

■ 171.6490, 5.5960,
-21.6172

■ 165.6800, 8.5388,
-32.1684

■ 177.6180, 2.6533,
-11.0660

■ 159.9990, 11.3395,
-43.8491

■ 183.2990, -0.1474,
0.6148

■ 154.0300, 14.2822,
-54.4003

■ 189.2680, -3.0901,
11.1660

■ 148.6480, 16.9355,
-65.4663

■ 194.6500, -5.7435,
22.2319

■ 142.3800, 20.0257,
-76.6323

■ 200.9180, -8.8336,
33.3979

■ 136.9980, 22.6790,
-87.6982

■ 205.7020,
-11.1921, 43.2343

■ 131.0290, 25.6217,
-98.2494

■ 206.2890,
-11.4815, 42.7195

■ 125.6470, 28.2750,
-109.3154

■ 206.8760,
-11.7709, 42.2047

■ 125.3480, 28.4224,
-109.9302

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.7760, -0.3826, -17.3436



171.6490, 5.5960, -21.6172



172.3980, 9.6638, -19.6430

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



171.6490, 5.5960, -21.6172



177.3630, 6.2300, 8.4516



175.2050, -10.9471, 11.2212

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



171.6490, 5.5960, -21.6172



158.3510, -5.5960, 21.6172

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



176.7050, -9.2216, 17.7987



171.6490, 5.5960, -21.6172



177.6260, 0.6774, 16.1140

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



171.6490, 5.5960, -21.6172



176.2090, 9.7570, -2.8143



177.5680, -4.7170, 19.6729



174.0790, -9.8989, 1.6847

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



171.6490, 5.5960, -21.6172



174.0610, 10.8159, -15.8395



177.5680, -4.7170, 19.6729



175.6290, -10.6631, 13.4804

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



171.6490, 5.5960, -21.6172



232.8140, 2.0637, -8.6069



168.2460, -9.9813, -18.6327



117.3090, 1.3267, -5.5330



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



171.6490, 5.5960, -21.6172



219.3700, 8.6916, -34.5275



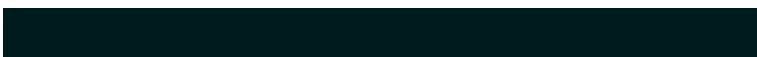
161.0830, 10.8051, -12.3508



89.3090, 1.3267, -5.5330



106.4210, 24.4424, -93.3312



19.0410, 4.4168, -16.6990

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



161.7540, 9.9813, 18.6327



203.4270, 16.0585, 29.4435



168.9170, -10.8051, 12.3508



86.7170, 2.6045, 4.6332



63.8580, 42.9610, 80.8085



11.4500, 7.6662, 14.5144

Previews

White Background



This preview shows how the YUV color 171.6490, 5.5960, -21.6172 looks on a white background.

Color Contrast Check

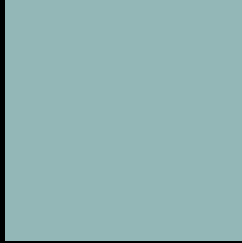
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 171.6490, 5.5960, -21.6172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

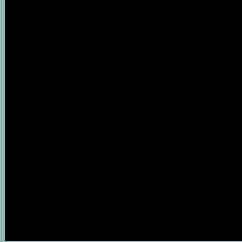
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 171.6490, 5.5960, -21.6172

Background



This preview shows how black text looks on a background with the YUV color 171.6490, 5.5960, -21.6172.



This preview shows how white text looks on a background with the YUV color 171.6490, 5.5960,

-21.6172.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

171.6490, 5.5960, -21.6172

Protanopia

175.3530, 1.3050, 1.4444

Deuteranopia

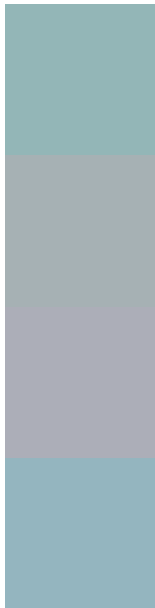
176.7930, 4.0461, 8.9515



Tritanopia

172.4410, 11.1216, -20.5578

Trichromacy



Original Color

171.6490, 5.5960, -21.6172

Protanomaly

174.0530, 2.9319, -7.0625

Deuteranomaly

174.5420, 4.6628, -2.2293

Tritanomaly

172.2730, 9.2324, -21.2874

Monochromacy



Original Color

171.6490, 5.5960, -21.6172

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1130, 1.9163, -7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6490, 5.5960, -21.6172 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(147, 182, 183)` looks like.

```
.text, #text, p{  
    color:rgb(147, 182, 183)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(147, 182, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 182, 183) }
```

Border

The CSS property to change the border of an element to YUV 171.6490, 5.5960, -21.6172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 182, 183) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(147, 182, 183) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(147, 182, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 182, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 182, 183);  
box-shadow:4px 4px 4px 4px rgb(147, 182,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 171.6490, 5.5960, -21.6172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 182, 183) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(147,  
182, 183) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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